



Government of India
Ministry of Earth Sciences
India Meteorological Department

Press Release

Date: 20th September, 2021

Time of Issue: 1330 hrs IST

Subject: (i) Isolated heavy rainfall activity likely to continue over East Rajasthan and Madhya Pradesh till 23 September and over and Gujarat state till 21st September, 2021.

(ii) Isolated heavy to very heavy rainfall activity very likely over Gangetic West Bengal and north Odisha likely to continue till 21st September, 2021.

(iii) A cyclonic circulation likely to form over eastcentral and adjoining northeast Bay of Bengal around 25th September. It is likely to move west-northwestwards and reach Odisha coast during subsequent 48 hours. Under its influence a fresh spell of heavy rainfall likely over Odisha and adjoining areas from 26th September.

- ✓ **Rainfall Amount recorded**(from 0830 hours IST of yesterday to 0830 hours IST of today) (5 cm or more): **West Madhya Pradesh:** Ratlam-16; **Gangetic West Bengal:** Alipore-14, Canning-11, Dumdum-10, Diamond Harbour-8; **Odisha:** Kalahandi-8, Balasore, Ganjam, Sambalpur-7; **East Madhya Pradesh:** Umaria-8, Sidhi, Singrauli-8 each; **East Rajasthan:** Pratapgarh-12, Sirohi-7; **Uttarakhand:** Bageshwar-11; **Chhattisgarh:** Bemetara-11, Kusmi-8; **Tamilnadu:** Ranipet-11, Perambalur, Cuddalore-9 each; **Telangana:** Jangaon-10, Mahabubabad, Warangal-9 each; **Coastal Andhra Pradesh:** Vizianagaram-8; **Rayalaseema:** Chittoor-9; **West Rajasthan:** Pali-9, Jodhpur, Jalore-8 each; **Konkan & Goa:** Thane-10, Mumbai(Santacruz)-7, Colaba-5.

Weather Systems:

- ✓ A cyclonic circulation lies over East Rajasthan & adjoining neighbourhood and extends upto Mid tropospheric level.
- ✓ A cyclonic circulation lies over Gangetic West Bengal & neighbourhood and extends upto mid-tropospheric levels.
- ✓ Western parts of the monsoon trough lies south of its normal position and its eastern end is its near normal position.

Weather forecast and Warning:

i) Fairly widespread to widespread rainfall with **isolated heavy falls** very likely over East Rajasthan during next 05 days, and over Madhya Pradesh, Vidarbha and Chhattisgarh during next 04 days; over Konkan & Goa, Madhya Maharashtra, Marathawada during next 03 days and over Gujarat region during next 02 days. Isolated **very heavy falls** is also likely over East Rajasthan on 20th & 21st September, 2021.

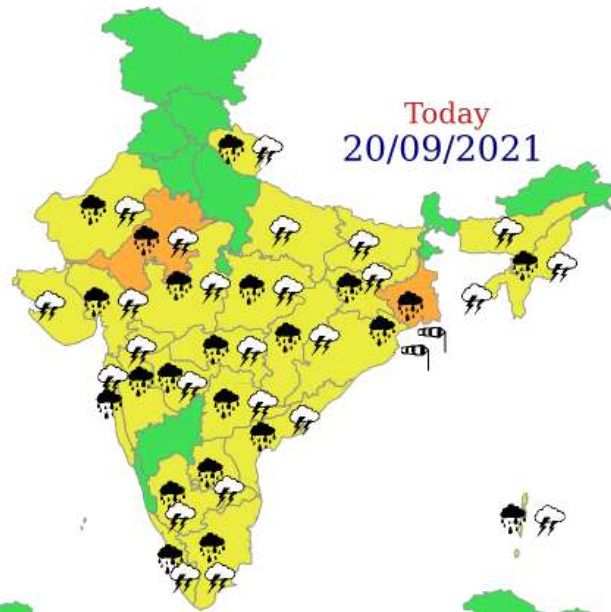
ii) Scattered to fairly widespread rainfall with isolated **heavy falls** very likely over Uttarakhand during 20th -24th September, 2021.

iii) Fairly widespread to widespread Rainfall with isolated **heavy falls very likely to continue** over Odisha and Gangetic West Bengal on 20th & 21st September, 2021 and decrease in rainfall activity thereafter. Isolated **very heavy falls** is also likely Gangetic West Bengal on 20th September, 2021

iv) A cyclonic circulation likely to form over Eastcentral and adjoining Northeast Bay of Bengal around 25th September. It is likely to move west-northwestwards and reach Odisha coast during subsequent 48 hours. Under its influence a fresh spell of heavy rainfall likely over Odisha and adjoining areas from 26th September.

For detailed forecast and warning refer:

https://mausam.imd.gov.in/imd_latest/contents/all_india_forcast_bulletin.php



EXPECTED IMPACT & ACTION SUGGESTED due to Very Heavy Rainfall over East Rajasthan on 20th & 21st; over Gangetic West Bengal on 20th September, 2021.

A. Impact Expected

- Localized Flooding of roads, inundation and water logging in low lying areas and closure of underpasses mainly in urban areas of the above region.
- Occasional reduction in visibility due to heavy rainfall.
- Disruption of traffic in major cities due to water logging in roads leading to increased travel time.
- Minor damage to kutcha roads.
- Possibilities of damage to vulnerable structure.
- Localized Mudslides
- Damage to horticulture and standing crops in some areas due to inundation.
- It may lead to riverine flooding in some river catchments (for riverine flooding please visit Web page of CWC)

B. Action Suggested

- Check for traffic congestion on your route before leaving for your destination.
- Follow any traffic advisories that are issued in this regard.
- Avoid going to areas that face the water logging problems often.
- Avoid staying in vulnerable structure.

Legends:

Heavy Rain: 64.5 to 115.5 mm; **Very Heavy Rain:** 115.6 to 204.4 mm; **Extremely Heavy Rain** > 204.4 mm.

Region wise classification of meteorological Sub-Divisions:

- 1) **Northwest India:** Jammu, Kashmir, Ladakh, Gilgit, Baltistan & Muzaffarabad; Himachal Pradesh, Uttarakhand, Punjab, Haryana, Chandigarh & Delhi; West Uttar Pradesh, East Uttar Pradesh, West Rajasthan and East Rajasthan.
- 2) **Central India:** West Madhya Pradesh, East Madhya Pradesh, Vidarbha and Chhattisgarh.
- 3) **East India:** Bihar, Jharkhand, Sub-Himalayan West Bengal & Sikkim; Gangetic West Bengal, Odisha and Andaman & Nicobar Islands.
- 4) **Northeast India:** Arunachal Pradesh, Assam & Meghalaya and Nagaland, Manipur, Mizoram & Tripura.
- 5) **West India:** Gujarat Region, Saurashtra & Kutch, Konkan & Goa, Madhya Maharashtra and Marathwada.
- 6) **South India:** Coastal Andhra Pradesh & Yanam, Telangana, Rayalaseema, Coastal Karnataka, North Interior Karnataka, South Interior Karnataka, Kerala & Mahe, Tamil Nadu, Puducherry & Karaikal and Lakshadweep.

SPATIAL DISTRIBUTION (% of Stations reporting)			
% Stations	Category	% Stations	Category
76-100	Widespread (WS/ Most Places)	26-50	Scattered (SCT/ A Few Places)
51-75	Fairly Widespread (FWS/ Many Places)	1-25	Isolated (ISOL)



WARNING	
WARNING (TAKE ACTION)	
ALERT (BE PREPARED)	
WATCH (BE UPDATED)	
NO WARNING (NO ACTION)	

Probabilistic Forecast	
Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

